



4. Why did you choose these months?

- Click "Back" until you get back to the OAR Solar Events Gather
Data site.
- Click "Forward" at the bottom of the screen.
D. Annual Sunspot Numbers
- Click on the "Yearly Average Sunspot Numbers" site.
- Read the legend below the graph for help answering the question.
1. Yearly sunspot numbers have been calculated using the average
of the <u>daily</u> number of sunspots. Which solar minimum year had
the lowest yearly average?
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- Click "Back" until you get back to the OAR Solar Events Gather
Data site.
E. Math Facts and Solar Measurements
E. Math Facts and Solar Measurements
- Click on the "Solar Facts" site.
Shek shi me selar racis she.
1. The gravity on Earth is 9.8 meters per second per second. How
much stronger is the gravity on the surface of the sun?
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3. What is the diameter of the sun?meter 4. Use the diameter you found in question 3 to find the circumference of the sun. (C = d)	2.	Escape velocity is how fast you have to go to escape the sun's gravity and not get sucked back into the sun. What is the escape velocity of the sun in kilometers per hour?
4. Use the diameter you found in question 3 to find the		
4. Use the diameter you found in question 3 to find the		
	3.	What is the diameter of the sun?mete
circumference of the sun. ($C = \pi$ d)	4.	
		circumference of the sun. $(C = \frac{1}{\pi}d)$

	5. Use the rotation period of the sun, the number of hours in a day, the number of meters in a kilometer, and the circumference of the sun to figure out what the surface speed of the sun is in kilometers per hour. (How fast is it moving on the surface?)
	6. Use the fact that there are about 1.6 kilometers per mile to
	6. Use the fact that there are about 1.6 kilometers per mile to convert the speed you found in question 5 to miles per hour.
冷	- Click "Back" until you get back to the OAR Solar Events main screen.